

CORAL BAY

A USCRTF COLLABORATIVE PARTNER

Coral Bay is an important jurisdictional watershed and an active partner and collaborator with the USCRTF. The USCRTF partners with local agencies like the Coral Bay Community Council to develop processes and procedures for management, water quality monitoring procedures, and provides a forum for collaboration for experts to present local issues and exchange insights.



Coral Bay Watershed (outlined in blue)



Side-by-side images of Inner Coral Harbor in its pristine form (left) and after a rain event that caused stormwater and sediment loading in the bay (right)






Watershed Management Goals

-  Improve overall water quality in Coral Bay Watershed to preserve threatened marine ecosystems and infrastructure
-  Improve residents' best practices and understanding of their onsite sewage disposal systems, the only form of wastewater treatment in the area
-  Reduce sources of sediment loading and discharge to improve water quality
-  Create cooperative relations between local entities, community members, the USCRTF, and government partners
-  Increase landowners' understanding and efforts towards neighborhood stormwater mitigation controls



Mangrove restoration and installation






Projects

-  Creation of the Coral Bay Watershed Management Plan (2008) and two subsequent updates (2014, 2021)
-  Coral Harbor Water Testing
-  Hydrology and hydraulic study
-  Stormwater management
-  Mangrove restoration

Threats

-  Sedimentation (turbidity)
-  Biocontaminants and failing septic systems
-  Solid waste management and floatable debris
-  Hurricanes, which creates harmful discharge into the island's surrounding waters
-  Slope stabilization and erosion

Needs

-  Funding and technical assistance
-  Procedural guidance for water quality monitoring
-  Increased capacity in the form of stormwater engineers and other professionals
-  Clarity of territory development regulations and increased enforcement
-  Assistance and protection for threatened infrastructure



Learn more about Coral Bay by scanning this QR code!